



**NATIONAL  
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**USDA, NASS, Kentucky Field Office**  
PO Box 1120  
Louisville, Kentucky 40201-1120  
(502) 582-5293 or 1-800-928-5277

# KENTUCKY WEEKLY CROP & WEATHER REPORT



In Cooperation with:  
Univ. of Ky - Agr'l Weather Center  
U.S. Dept. of Commerce - NOAA  
Kentucky Department of Agriculture  
Cooperative Extension Service

**LELAND E. BROWN, Director**

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**AGRICULTURAL NEWS:** Kentucky received little rainfall this week with only 4 out of 22 stations that received rainfall, recording a quarter inch of precipitation or more. Temperatures for the State were above normal with low humidity for the week. **Topsoil moisture** was rated as 48 percent very short, 35 percent short, 16 percent adequate, and 1 percent surplus. **Subsoil moisture** was rated as 50 percent very short, 35 percent short and 15 percent adequate. There were 6.3 days out of a possible 7 that were suitable for fieldwork. Main farm activities last week included cutting and housing tobacco, harvesting corn and soybeans, and other general farm work.

**ROW CROPS:** Corn has been harvested on 68 percent of the acreage, compared to 31 percent for the five year average. Ninety-three percent of the corn acreage was considered mature, well ahead of the 59 percent for the previous year and the five year average of 82 percent. Ninety-nine percent of the corn acreage was in the dent stage, ahead of both the previous year at 96 percent and the five year average of 98 percent. Soybeans on 12 percent of the acreage have been harvested at this time, well above the five year average of 2 percent. Forty-one percent of the soybean acreage was considered mature, ahead of the five year average of 13 percent. Sixty-nine percent of soybeans were shedding leaves, compared to 38 percent last year, and 41 percent for the five year average. Soybean crop condition was reported as 11 percent very poor, 22 percent poor, 40 percent fair, 22 percent good, and 5 percent excellent.

**TOBACCO:** Housed tobacco conditions were reported as 4 percent very poor, 11 percent poor, 32 percent fair, 41 percent good and 12 percent excellent. As of September 19, 76 percent of the dark tobacco and 82 percent of the burley was cut. Eleven percent of housed tobacco showing

houseburn was rated as 10 percent light and 1 percent moderate.

**OTHER CROPS AND PASTURE:** Due to the lack of rainfall, livestock producers in some areas have begun to start supplementing their cattle with hay. Ponds, pastures and hay all still need a good, steady rain. Pastures were rated as 27 percent very poor, 33 percent poor, 20 percent fair, 18 percent good, and 2 percent excellent. Hay crop condition was rated as 19 percent very poor, 26 percent poor, 33 percent fair, 16 percent good, and 6 percent excellent.

**CROP PROGRESS for week ending 09/19/10**

Crop Stage	This Week	Last Week	Last Year	5-Yr Avg
Percent				
Corn Dent	99	98	96	98
Corn Mature	93	87	59	82
Corn Harvested	68	54	11	31
Soybeans Dropping Leaves	69	53	38	41
Soybeans Mature	41	20	0	13
Soybeans Harvested	12	NA	0	2
Burley Tobacco Cut	82	74	68	77
Dark Tobacco Cut	76	65	63	72

**SOIL MOISTURE for week ending 09/19/10**

	Very Short	Short	Adequate	Surplus
Percent				
Topsoil	48	35	16	1
Subsoil	50	35	15	0

**CROP CONDITIONS for week ending 09/19/10**

Crop	Very Poor	Poor	Fair	Good	Ex
Percent					
Soybeans	11	22	40	22	5
Pasture	27	33	20	18	2
Hay Crops	19	26	33	16	6
Tobacco Housed	4	11	32	41	12

## **KENTUCKY WEATHER SUMMARY, SEPTEMBER 13 - 19, 2010:**

### **Above Normal Temperature and Below Normal Rainfall:**

This past week, unlike the previous, the rainfall once again slowed down to a trickle to not at all in some locations. Most if not all rainfall came in on Thursday from storms moving out ahead of an approaching cold front. This dry weather helped to expand moderate agricultural drought further into central sections of Kentucky. Just like the previous 10 weeks, this past week was also above normal for temperature. Many locations still had highs reaching into the 90s; however the clear night skies let lows drop to around their seasonal averages.

Temperatures for the period averaged 72 degrees across the state which was 4 degrees above normal and one degree warmer than the previous week. High temperatures averaged from 88 in the West to 84 in the East. Departure from normal high temperatures ranged from 7 degrees above normal in the West to 7 degrees above normal in the East. Low temperatures averaged from 58 degrees in the West to 56 degrees in the East. Departure from normal low temperature ranged from 0 degrees from normal in the West to 1 degree above normal in the East.

Rainfall for the period totaled 0.14 inches statewide which was 0.67 inches below normal. Rainfall totals by climate division, West 0.07 inches, Central 0.03 inches, Bluegrass 0.24 inches and East 0.21 inches, which was 0.74, 0.82, 0.53 and 0.57 inches respectively below normal. By station, rainfall totals ranged from a low of 0.00 inches at Bowling Green to a high of 0.75 inches at Berea.

Tom Priddy

### **KENTUCKY TEMPERATURES AND RAINFALL FOR WEEK ENDING SUNDAY, SEPTEMBER 19, 7:00 P.M.**

Weather Station	Rainfall			Deviation From		Air Temperature				Growing Degree Days		
	Last Week	Since April 1	Last Four Wks	Norm Since Apr. 1	Norm Last 4 Wks	High	Low	Wkly. Avg.	Dev. From Norm	Last Week	Since Apr. 1	Dev. Since Apr. 1
		(Inches)						(Degrees Fahrenheit)				
Bardstown	0.10	26.10	4.34	+3.13	+1.17	89	53	71.7	+4	148	3751	+527
Berea	0.75	24.70	0.98	+0.74	-2.71	90	47	69.2	+3	131	3527	+191
Bowling Green	0.00	31.46	0.95	+7.42	-2.43	93	53	73.9	+6	157	3996	+630
Bristol	0.00	15.63	0.51	-4.66	-2.47	94	54	74.1	+8	154	3639	+537
Buckhorn Lake	0.23	22.52	1.71	-0.30	-1.67	86	49	68.7	+2	130	3454	+524
Cape Girardeau	0.32	22.02	5.15	-0.36	+1.88	89	52	71.4	+2	146	3962	+442
Campbellsville	0.07	28.30	0.86	+1.33	-3.41	89	50	70.1	+3	137	3648	+342
Covington	0.25	18.76	0.50	-2.52	-2.30	90	54	72.1	+5	148	3587	+533
Cumberland Gap	0.21	25.04	1.65	+0.34	-1.56	87	53	70.2	+4	139	3693	+621
Dix Dam	0.17	27.40	1.76	+3.75	-1.53	90	52	71.9	+5	148	3669	+395
Evansville	0.04	13.55	0.34	-7.74	-2.44	94	54	74.1	+5	154	3908	+541
Glasgow	0.01	30.26	1.00	+4.25	-2.63	89	52	71.4	+4	146	3836	+560
Grayson	0.20	26.38	0.75	+4.30	-2.08	89	48	68.5	+2	126	3450	+550
Hardinsburg	0.01	19.67	0.10	-4.16	-3.31	94	52	73.1	+6	147	3770	+385
Henderson	0.00	15.19	0.33	-6.86	-2.78	94	49	71.6	+2	138	3767	+370
Huntington	0.00	23.12	0.04	+0.92	-2.88	94	54	74.1	+8	154	3639	+555
Jackson	0.60	23.62	1.37	-0.27	-2.02	88	53	71.4	+5	147	3684	+754
Lexington	0.19	23.99	0.30	+1.02	-2.87	91	51	72.3	+6	145	3672	+569
London	0.22	25.31	2.29	+3.24	-0.87	87	50	70.1	+4	139	3661	+608
Louisville	0.04	23.91	0.13	+1.55	-2.90	95	58	76.9	+9	168	4167	+769
Mayfield	0.02	19.79	1.88	-4.47	-1.75	93	52	73.0	+3	148	3932	+486
Nashville	0.00	38.18	0.08	+15.77	-3.08	94	54	74.1	+7	154	4097	+478
Nolin Lake	0.02	24.50	0.33	-0.90	-3.43	92	50	71.5	+4	140	3699	+566
Paducah	0.05	19.63	5.31	-4.24	+2.00	90	55	73.4	+4	154	4028	+539
Princeton	0.00	24.63	1.09	+0.61	-2.18	91	52	72.8	+3	151	3944	+467
Quicksand	0.19	20.05	0.32	-3.84	-3.07	89	50	69.6	+3	133	3599	+669
Somerset	0.03	33.60	5.71	+8.60	+2.04	87	49	69.4	+3	133	3588	+425
Spindletop	0.10	22.91	0.69	-0.06	-2.48	91	50	71.9	+5	146	3663	+560
Williamstown	0.00	21.07	0.18	-1.54	-2.92	91	51	71.8	+5	143	3554	+451

The above information is provided by Tom Priddy, Kentucky Extension Agricultural Meteorologist, University of Kentucky Agr'l Weather Center (859)257-3000 ext 245. E-mail: priddy@uky.edu Additional Ky weather data available on Internet at: <http://www.wagwx.ca.uky.edu/>